

IN THE CLAIMS

Claim 1 (currently amended) A brush structure, comprising:

a rotation bar including a plurality of arc-shaped plates combined with each other, each of the arc-shaped plates **[of the rotation bar having] comprising** two sides each formed with a helical rim, so that a plurality of helical grooves are **[formed] defined** between the helical rims **[of the arc-shaped plates of the rotation bar];**

a plurality of brush strips each **[mounted] installed** in a respective one of the helical **[groove] grooves** of the rotation bar;

a plurality of fixing blocks each **[mounted] installed** in the rotation bar between the arc-shaped plates **and formed with a plurality of lugs for fixing the arc-shaped plates;** and

a driving block mounted on the rotation bar to rotate the rotation bar.

Claim 2 (original) The brush structure in accordance with claim 1, wherein the brush structure includes two brush strips, and the rotation bar includes two opposite arc-shaped plates formed with two helical grooves for mounting the two brush strips.

Claim 3 (original) The brush structure in accordance with claim 1, wherein the brush structure includes three brush strips, and the rotation bar includes three arc-shaped plates formed with three helical grooves for mounting the three brush strips.

Claim 4 (canceled)

Claim 5 (original) The brush structure in accordance with claim 1, wherein the rotation bar has a tubular shape.

Claim 6 (original) The brush structure in accordance with claim 1, wherein each of the helical grooves is extended through a whole length of each of the arc-shaped plates of the rotation bar.

Claim 7 (original) The brush structure in accordance with claim 1, wherein each of the brush strips has a helical shape.

Claim 8 (canceled)

Claim 9 (currently amended) The brush structure in accordance with claim 1, wherein each of the [two] brush strips [has] comprises a surface provided with a plurality of bristles.

Claim 10 (original) The brush structure in accordance with claim 1, wherein each of the brush strips is extended through a whole length of each of the two arc-shaped plates of the rotation bar.

Claim 11 (original) The brush structure in accordance with claim 1, wherein each of the fixing blocks has two sides each fixed on the respective arc-shaped plate of the rotation bar in a spot soldering manner.

Claim 12 (original) The brush structure in accordance with claim 1, wherein the driving block has an end formed with a mounting portion mounted in an end of the rotation bar, so that the driving block is secured on the rotation bar.

Claim 13 (canceled)

Claim 14 (new) A brush structure, comprising:

a rotation bar comprising a plurality of arc-shaped plates combined with each other, each of the arc-shaped plates comprising two sides each formed with a helical rim, so that a plurality of helical grooves are defined between the helical rims;

a plurality of brush strips each installed in related one of the helical grooves of the rotation bar and formed with two sides each defining a groove for receiving the related helical rim of each of the arc-shaped plates of the rotation bar;

a plurality of fixing blocks each installed in the rotation bar between the arc-shaped plates; and

a driving block mounted on the rotation bar in order to rotate the rotation bar.

Claim 15 (new) A brush structure, comprising:

a rotation bar comprising a plurality of arc-shaped plates combined with each other, each of the arc-shaped plates comprising two sides each

formed with a helical rim, so that a plurality of helical grooves are defined between the helical rims;

a plurality of brush strips each installed in related one of the helical grooves of the rotation bar;

a plurality of fixing blocks each installed in the rotation bar between the arc-shaped plates; and

a driving block mounted on the rotation bar in order to rotate the rotation bar and formed with a periphery defining a plurality of recesses each for receiving an end of related one of the brush strips.